

Message

From: Woods, Clint [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=BC65010F5C2E48F4BC2AA050DB50D198-WOODS, CLIN]
Sent: 4/12/2019 7:26:44 PM
To: Dunlap, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=591eb15a268249dda0c05a7451f765c3-Dunlap, Dav]
Subject: Fwd: Methane Study w/ DOE
Attachments: Participation Request_DOE Marginal Wells Study_7Mar2019.pdf; ATT00001.htm; Marginal Wells_8Mar2019 rched.pdf; ATT00002.htm

FYI

Begin forwarded message:

From: "Michael Zehr" <MZehr@hbwresources.com>
To: "Woods, Clint" <woods.clint@epa.gov>
Subject: Methane Study w/ DOE

Clint,

Hope you are doing well. I wanted to touch base with you regarding a methane study we are working on with DOE, GSI, RPSEA and a few other stakeholders. The study is being led by GSI with RPSEA helping with industry outreach. We met about the RPSEA efforts last year, and we are interested in pursuing additional support from EPA to help expand the study. Part of that work through CEA has helped facilitate discussions with potential agency partners. Shawn Bennett in DOE's Office of Fossil Energy has been a tremendous supporter in moving this critical study forward. I am including some background on the effort with DOE below.

As you know, there is a void in the data sets related emissions specifically from marginal wells in the U.S. As a result, the specific needs and operational differences between these producers and those with larger production profiles may not be considered in future regulatory and legislative efforts to curb emissions. Going forward, absent this data, it will be more challenging to push back on legislative and/or regulatory efforts that include emissions standards and control requirements that may be cost-prohibitive to these operators and/or yield little in the way of actual emissions reductions due to the nature of these types of wells.

For some additional information on the effort, the METEC lab at Colorado State was originally funded by the ARPA-E program at DoE. (Bryan Willson at Colorado State was a program manager at ARPA-E when METEC was established.) Dan Zimmerle at Colorado State will be leading the field teams taking the methane emissions measurements for the new DOE study. His team will be using the METEC lab for calibration, qualification and training purposes. The CAMS Collaboratory is a Gas Technology Institute (GTI) Program. CAMS = Collaboratory to Advance Methane Science. GTI is part of the Methane Emissions measurement team and will be assisting with the quality assurance effort within the new program.

RPSEA will be performing the following activities (along with other activities):

1. Coordinating all stakeholder engagements (advisory committees, technology transfer, communications, documenting best practices)
2. Coordinating supplemental funding from industry or other project participants.
 - a. Cash contributions
 - b. In-kind contributions (access to field sites, etc.)
3. Reviewing data collection procedures, data recording and consistency, quality control

Attached are two items related to the methane emissions measurements:

1. A pdf that outlines the study
2. A pdf of a presentation package related to the study

We believe that this study could be of use to multiple departments and agencies and would love to see if we can explore avenues to secure EPA support. Take a look and let me know your thoughts.

Talk to you soon.

Thanks,

Michael Zehr
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